



Wm Doxford & Sons

no 669.

Profile & Decks.

(as built)

~~EMPIRE MIST.~~

~~King David~~ X

D/S. 468.

RECORDS DEPT.,
LONDON.

SUNDERLAND. RPT. NO. 33067

2

N/A Hong Kong
VENTURE *

8400-284510-4E4510



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Lloyd's Register
Foundation

AS FITTED.

N^o 669.

PROFILE & DECKS PLAN.

DIMENSIONS - RULE LENGTH 421'-1 1/2" x BREADTH MLD. 56'-2 1/2" DEPTH MLD. 29'-0" TO 2ND DK.
38'-0" TO UPPER DK.

SCALE: 1/8" = ONE FOOT.

CLASS - LLOYDS 100A1 WITH FREEBOARD.

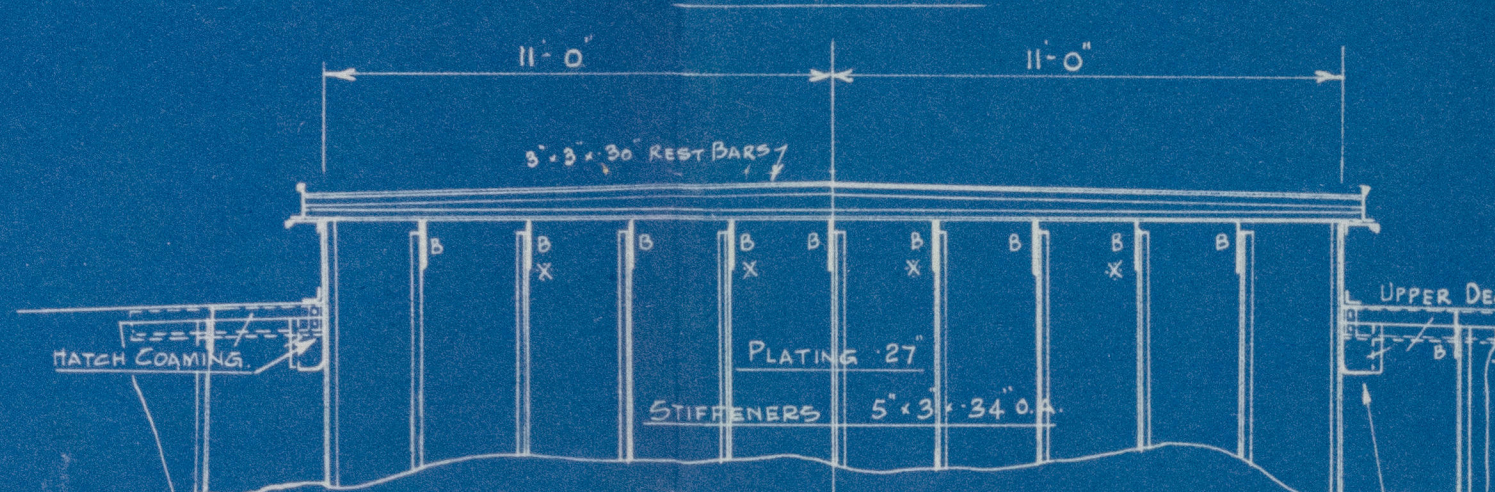
SCANTLINGS SUITABLE FOR A DRAFT OF 18" IN EXCESS OF THAT CONTEMPLATED BY THE RULES
FOR A COMPLETE SUPERSTRUCTURE VESSEL AS DESIRED BY MINISTRY OF SHIPPING.

ALL CHANNEL & BUILD ANGLES TO BE
NEW BRITISH STANDARD SECTIONS.

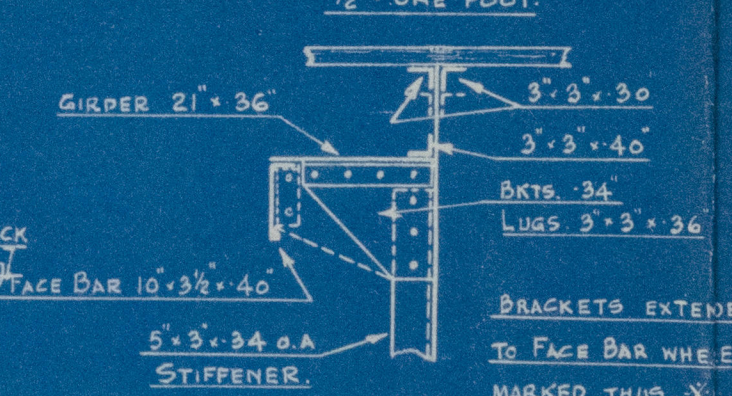
SEPARATE PLAN SHOWING GIRDERS, HATCHES,
& HATCH END BEAMS TO BE SUBMITTED.

ARRANGEMENT OF BULKHEAD IN HATCHWAY ON 92 FRAME

SCALE 1/4" = ONE FOOT

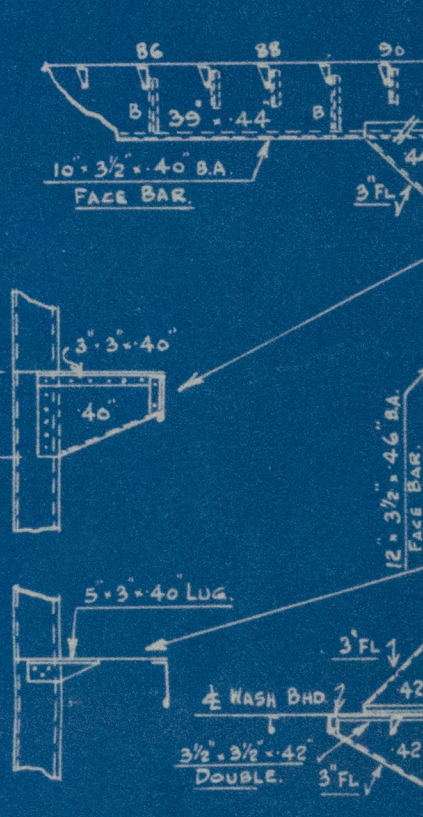


DETAIL OF HORIZONTAL GIRDER ON 92 BHD.
IN UPPER DECK HATCHWAY.
1/2" ONE FOOT.



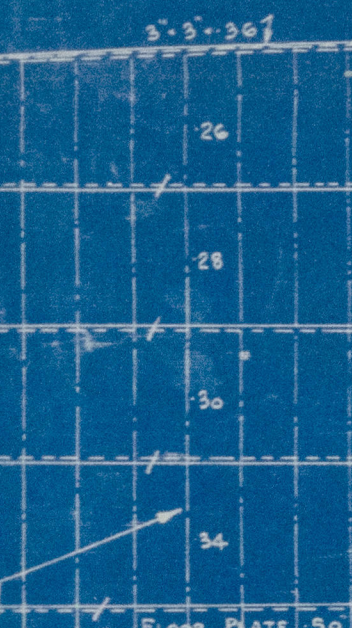
N^o 81 TWEEN DECK WT. BULKHEAD.
PLATING 26.
STIFFENERS 5' 3" x 30 OA SPACED 30" APART.
BRACKETS TOP: DTM 12 1/2" x 34" 3/4" RIV. EN.
BRACKETS WELDED TO SECOND DECK.

DETAIL OF LUGS ON
STIFFENERS BETWEEN
BRACKETS



PLAN OF CRUISER
STERN TO BE
SUBMITTED.

MODIFIED DEPT MLD.
OPEN SHELTER DECK DEPT MLD 18"
AFTER PEAK BULKHEAD
PLATING 30 TO 38" BOTTOM PLATE 40"
INCREASED TO 71" IN WAY OF STERN TUBE
STIFFERS ABOVE RECESS 8' 3 1/2" x 40" 8 1/2" RIV. EN.
SEMI-BAR BEAM SPACED 24" APART.
BRACKETS 20" x 20" x 40" 5/8" RIV. EN.
CONNECTION TO DECK 3' 3" x 40"
SHELL 3 1/2" x 3 1/2" x 32"
BOTTOM PART OF BULKHEAD TO
SURVEYORS SATISFACTION.



STIFFENERS TO BE ARRANGED
IN LINE WITH TANK GIRDERS
WT FLOOR
STIFFENED AS PER RULE

TYPICAL ARRANGEMENT OF WT BULKHEADS
UPPER DECK.

SECOND DECK.

BEAMS 8' 3/2" x 35 BA
KNEES 24' 17" x 40" 5/8 RIVS
ONE ROW PILLARS ON 4

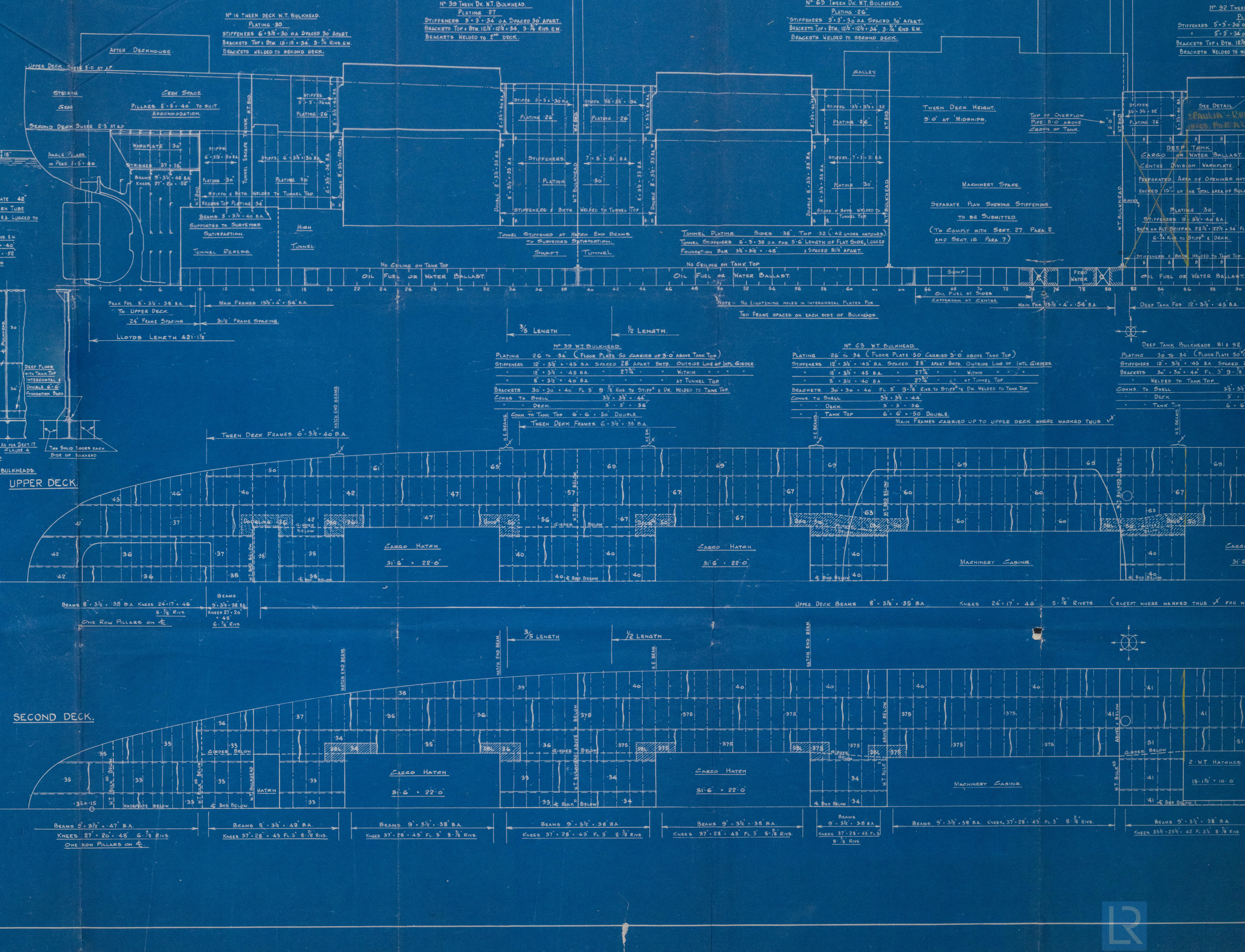
BEAMS 5' 3/2" x 47 BA
KNEES 27' 20" x 40" 6 7/8 RIVS
ONE ROW PILLARS ON 4

BEAMS 5' 3/2" x 43 BA
KNEES 27' 28" x 43 FL 3' 8 7/8 RIVS

BEAMS 9' 3/2" x 38 BA
KNEES 37' 28" x 43 FL 3' 8 7/8 RIVS

BEAMS 9' 3/2" x 38 BA
KNEES 37' 28" x 43 FL 3' 8 7/8 RIVS

BEAMS 9' 3/2" x 38 BA
KNEES 37' 28" x 43 FL 3' 8 7/8 RIVS



AS FITTED.

N°669.

PROFILE & DECKS PLAN.

DIMENSIONS - RULE LENGTH 421' 1/2" x BREADTH MLD 56' 2 1/2" x DEPTH MLD 29' 0" TO 2° 00' DK.
38' 0" TO UPPER DK.

SCALE 1/8" = ONE FOOT.

CLASS - LLOYDS 100AL WITH FREEBOARD.

SCANTLINGS SUITABLE FOR A DRAFT OF 18" IN EXCESS OF THAT CONTEMPLATED BY THE RULES
FOR A COMPLETE SUPERSTRUCTURE VESSEL AS DESIRED BY MINISTRY OF SHIPPING.

ALL CHANNELS & BOLD ANGLES TO BE
NEW BRITISH STANDARD SECTIONS.

SEPARATE PLAN SHOWING GIRDERS, HATCHES
& HATCH END BEAMS TO BE SUBMITTED.

ARRANGEMENT OF BULKHEAD IN HATCHWAY ON 92 FRAME

SCALE 1/4" = ONE FOOT

DETAIL OF HORIZONTAL GIRDER ON 98 BHD
IN UPPER DECK HATCHWAY

SCALE 1/8" = ONE FOOT

PLAN VIEW OF HORIZONTAL
GIRDER IN DEEP TANK.

SCALE 1/8" = ONE FOOT

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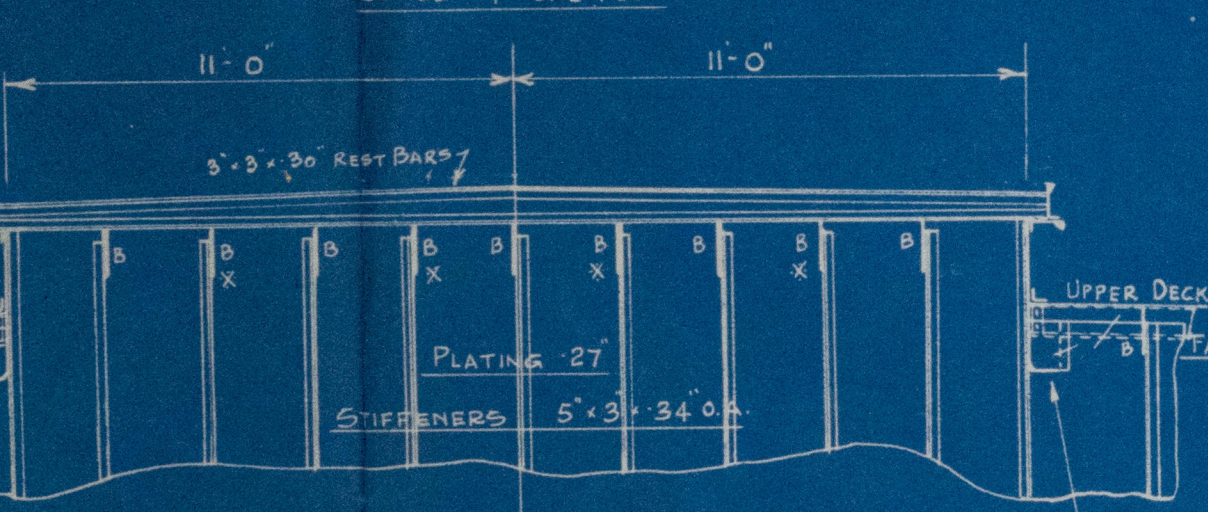
SCALE 1/8" = ONE FOOT

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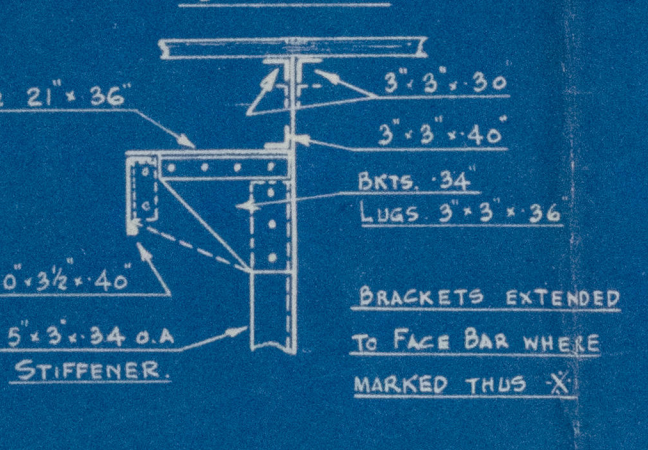
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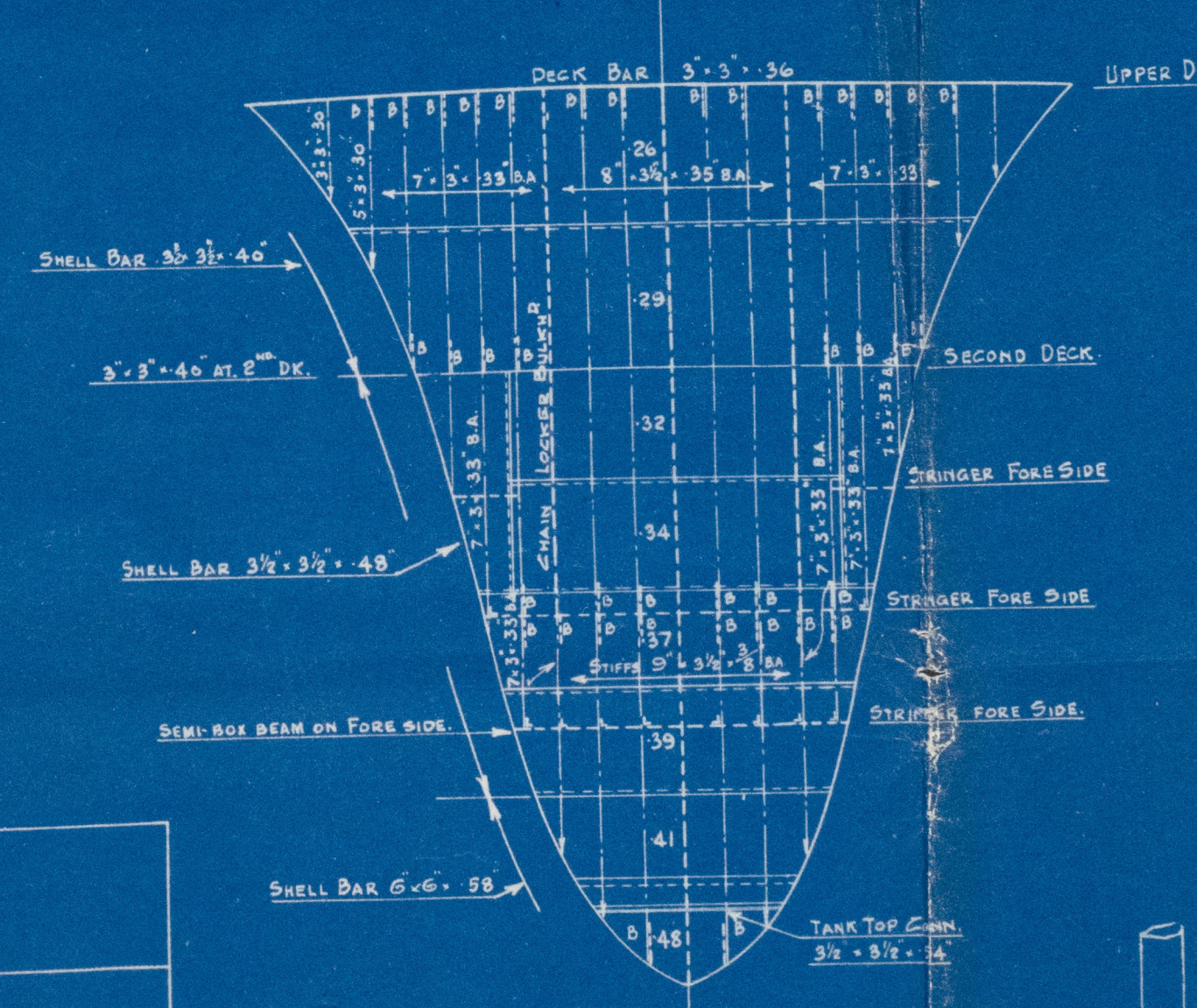
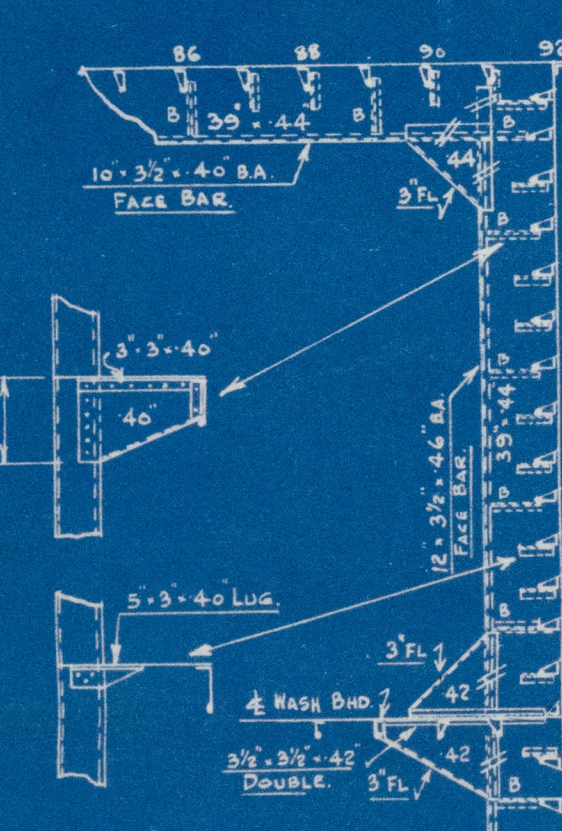
ARRANGEMENT OF BULKHEAD IN HATCHWAY ON 92 FRAME
SCALE 1/4" ONE FOOT



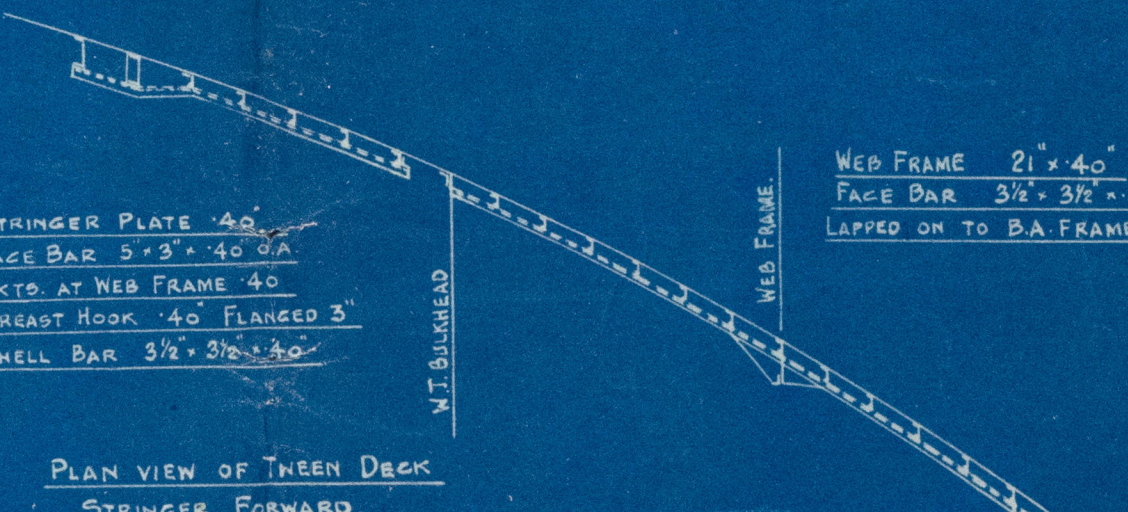
DETAIL OF HORIZONTAL GIRDER ON 92 BMD
IN UPPER DECK HATCHWAY
SCALE 1/8" ONE FOOT



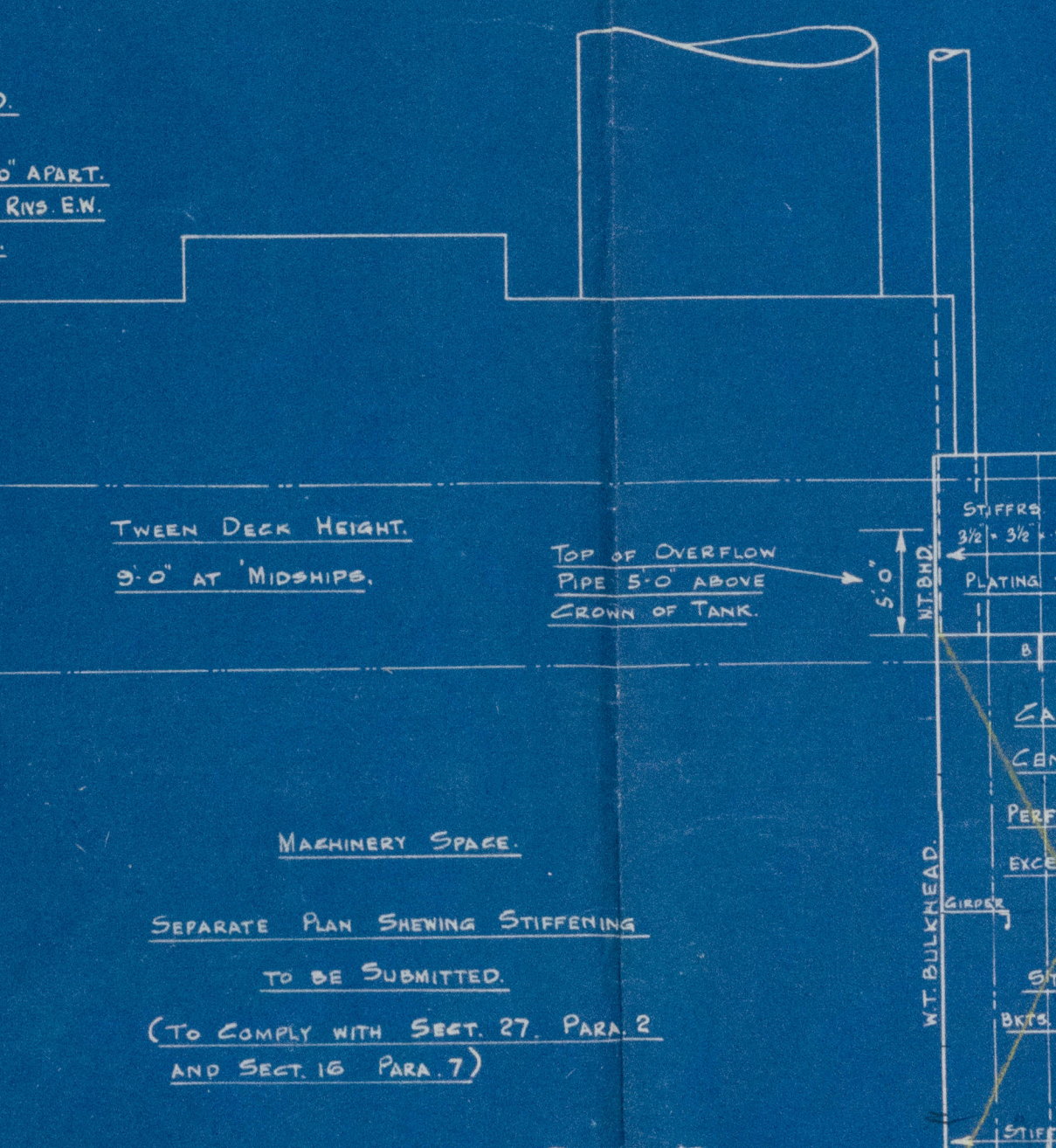
PLAN VIEW OF HORIZONTAL
GIRDER IN DEEP TANK



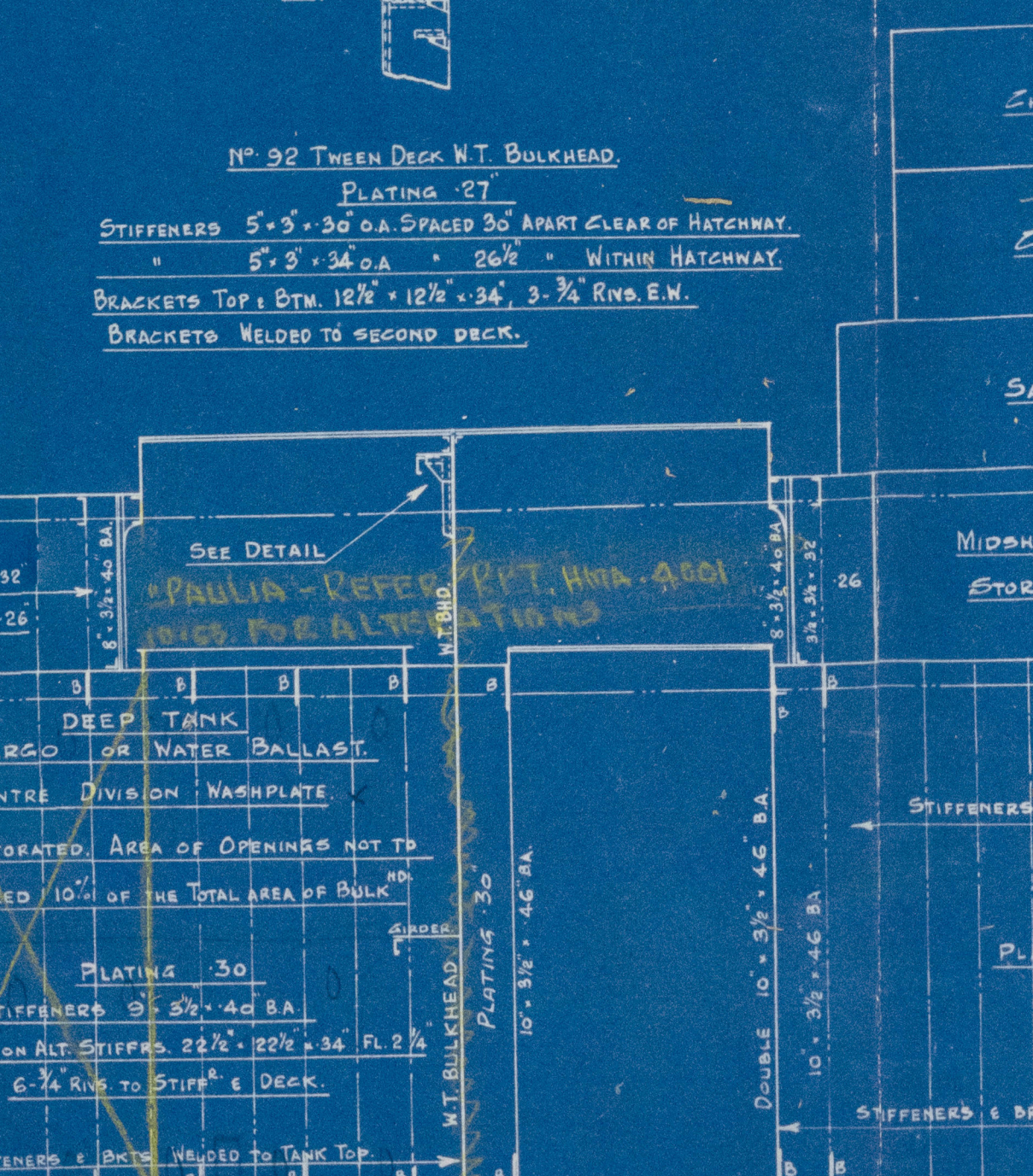
SUPPORTS UNDER WINCHES, WINDLASS, STEERING GEAR & DECKHOUSES
TO SURVEYOR'S SATISFACTION



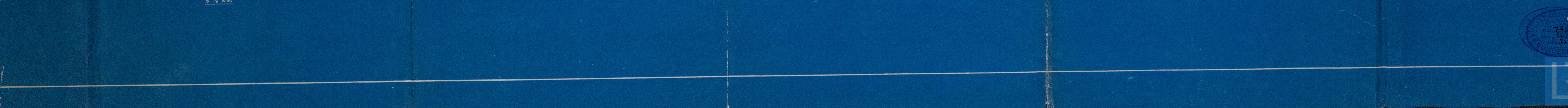
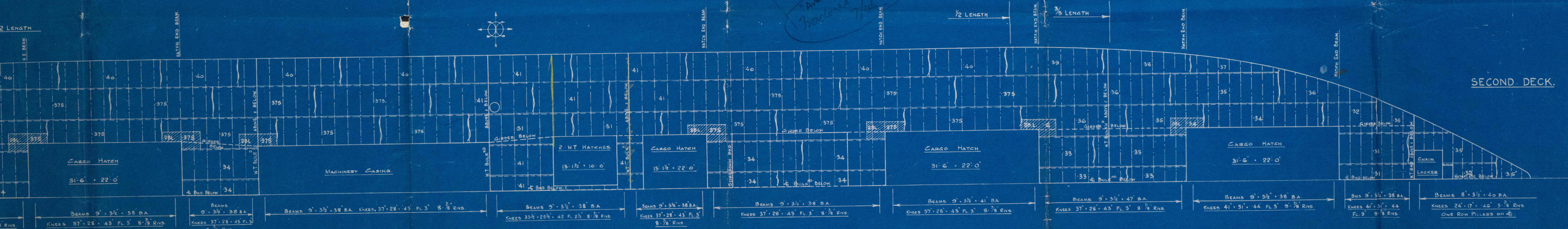
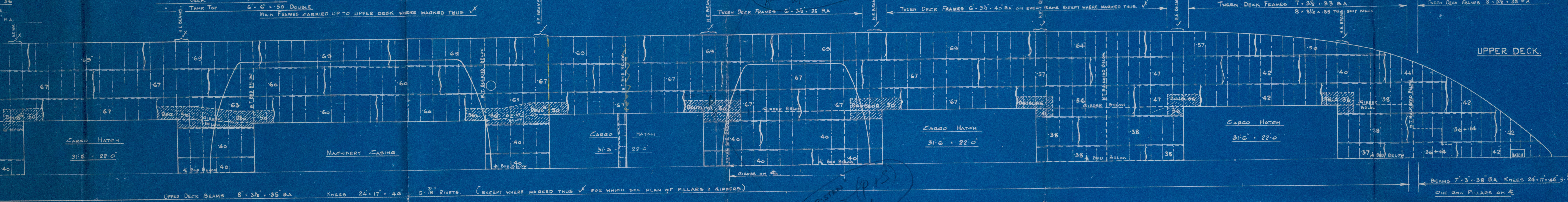
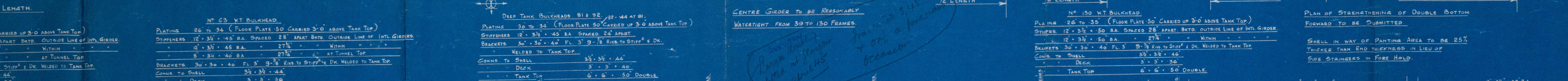
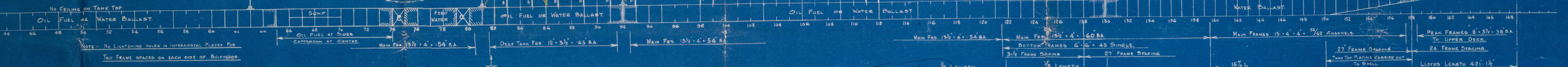
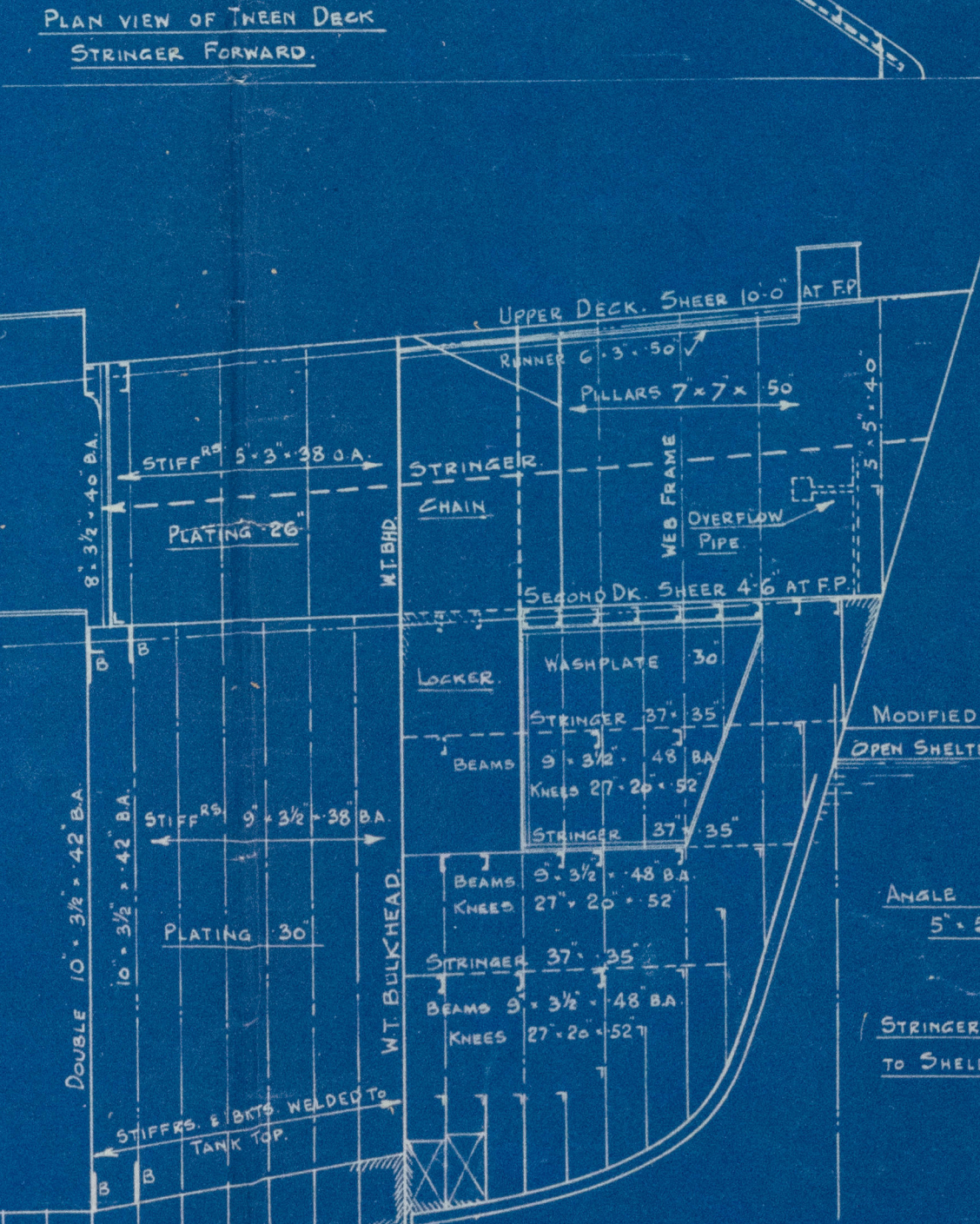
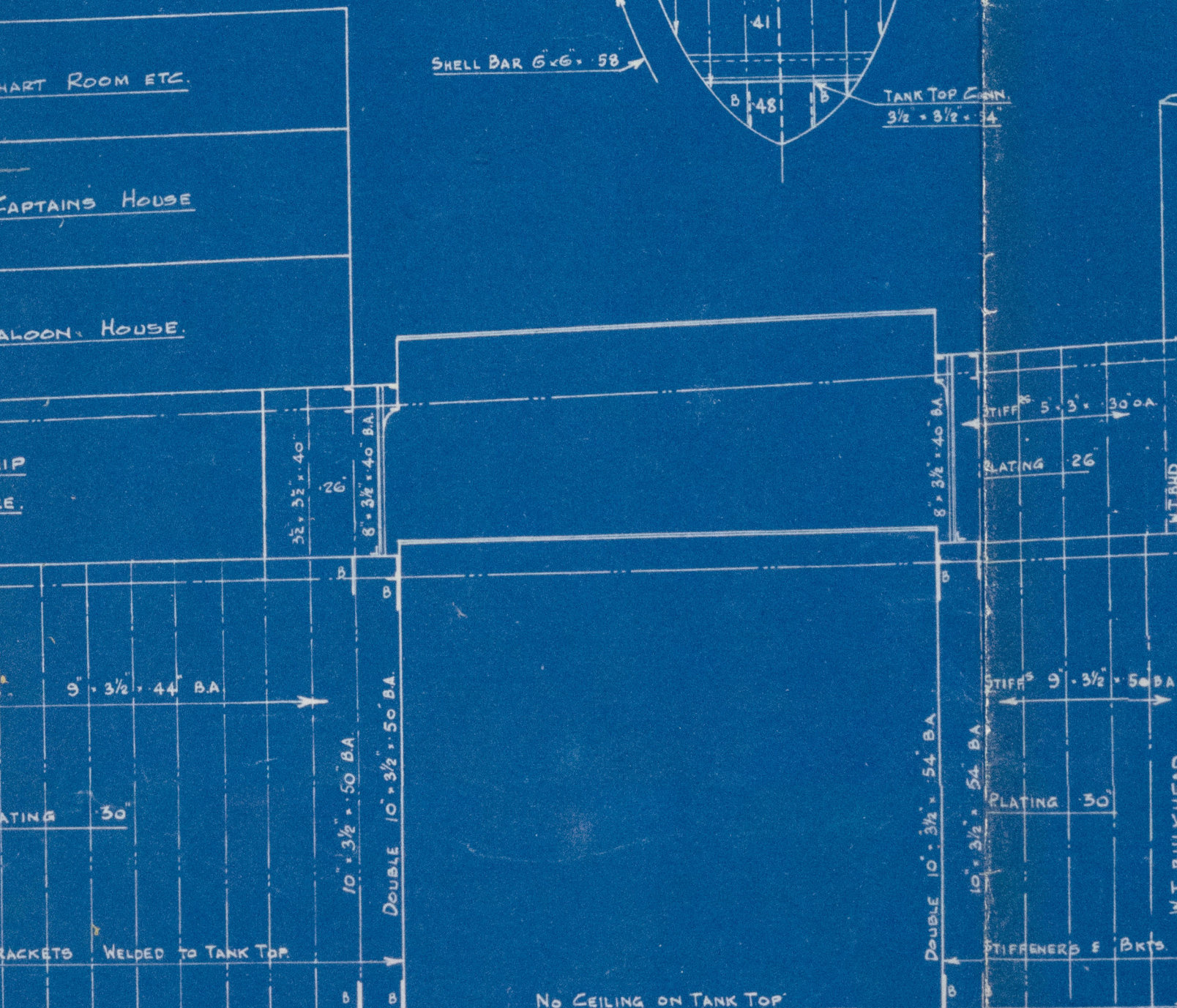
N° 63 TWEEN DECK WT BULKHEAD
PLATING 26
STIFFENERS 5' x 3" x 36 BA SPACED 30' APART
BRACKETS TOP 10' x 12' x 34' 3 1/2 RNS EM
BRACKETS WELDED TO SECOND DECK



N° 92 TWEEN DECK WT BULKHEAD
PLATING 27
STIFFENERS 5' x 3" x 36 BA SPACED 30' APART
BRACKETS TOP 10' x 12' x 34' 3 1/2 RNS EM
BRACKETS WELDED TO SECOND DECK



N° 150 TWEEN DECK WT BULKHEAD
PLATING 28
STIFFENERS 6' x 3" x 36 BA SPACED 30' APART
BRACKETS TOP 10' x 12' x 34' 3 1/2 RNS EM
BRACKETS WELDED TO SECOND DECK



Wm Doxford & Sons

no 669.

Midship Section.
(as built)

EMPIRE MIST.

King David
✱

SUNDERLAND D. DEPT. NO. 33067.

RECORDS DEPT.,
LONDON.



0500-284510-464510



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Lloyd's Register
Foundation

AS FITTED.

MIDSHIP SECTION

RULE LENGTH 42'-1½" BREADTH M^{LO} 56'-2½" DEPTH M^{LO} 29'-0"

CLASS- LLOYDS 100A.1. "WITH FREEBOARD" SCANTLINGS FOR
A DRAFT OF 18" IN EXCESS OF THAT CONTEMPLATED BY THE RULES
FOR A COMPLETE SUPERSTRUCTURE VESSEL.

OWNER'S EXTRAS.

SCALE: 1/2" = ONE FOOT.

N.N. " KING DAVID " *

"EMPIRE MIST".

Wm. Daxford & Son's Co. 669.

Stamfords & Pudders.

(A fitted)

SUNDERLAND RPT. NO. 33069.

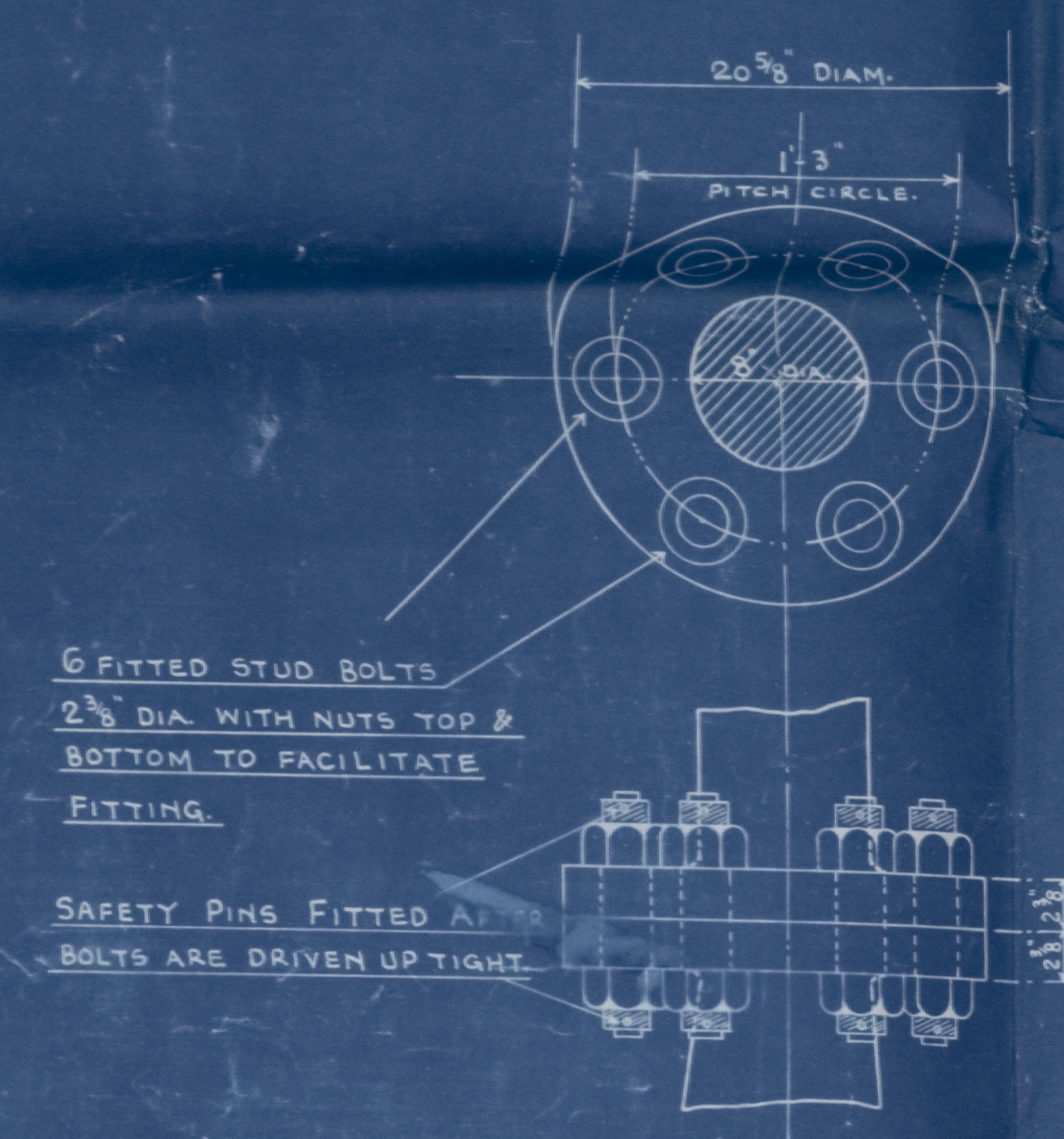
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RECORDS DEPT.
LONDON.

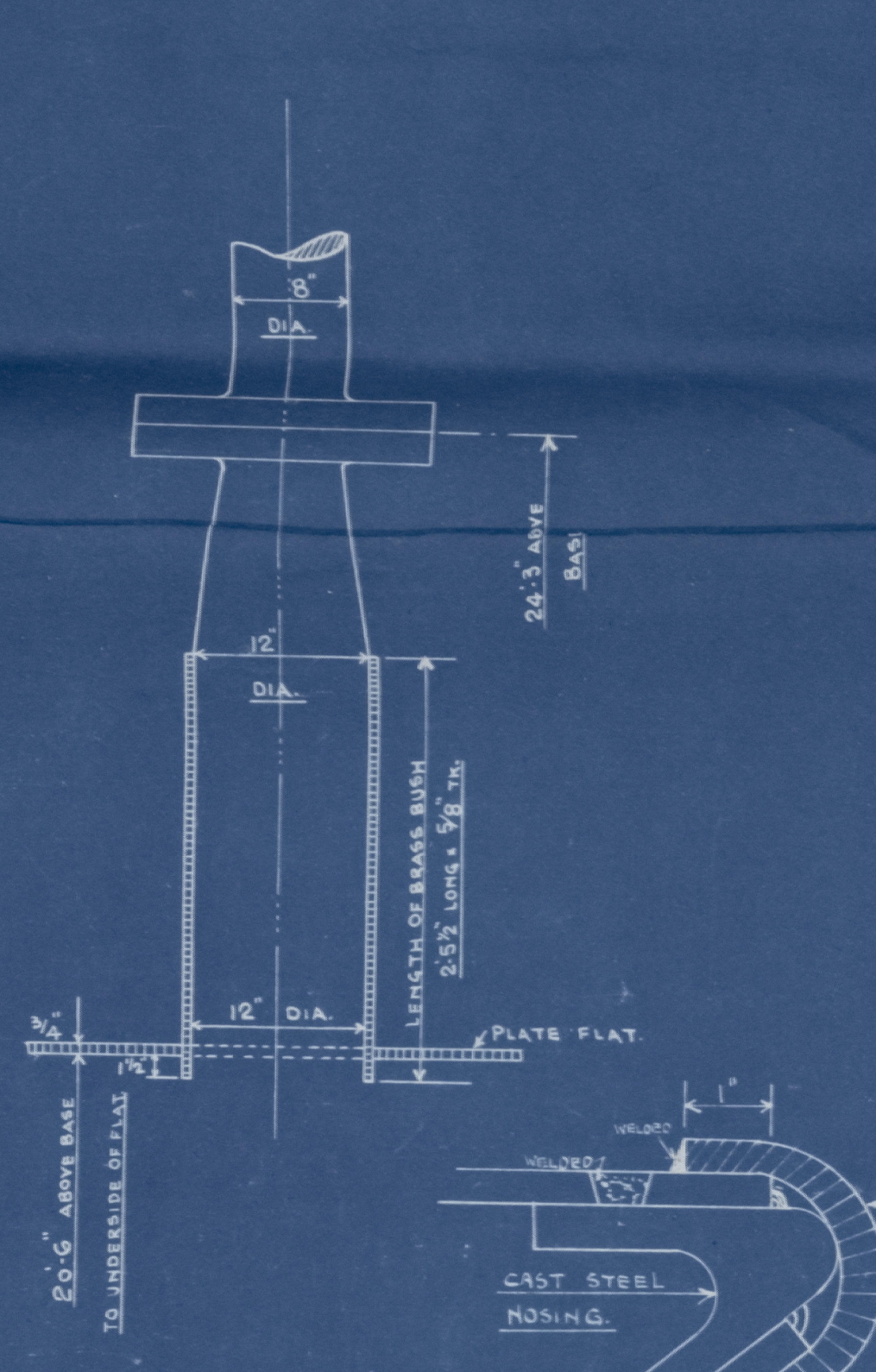
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Nº 669

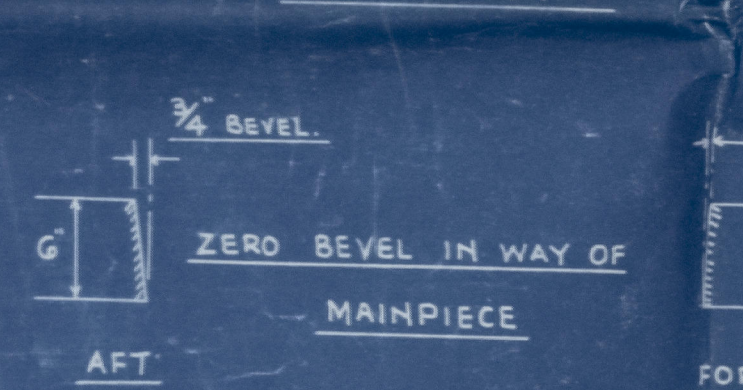
DETAIL OF COUPLING CONNECTING
UPPER PORTION OF RUDDER STOCK.
SCALE 7/8 IN FULL SIZE.



DETAIL OF BRASS BUSH ROUND
RUDDER STOCK (IN WAY OF GUDGEON)
SCALE 1" ONE FOOT.



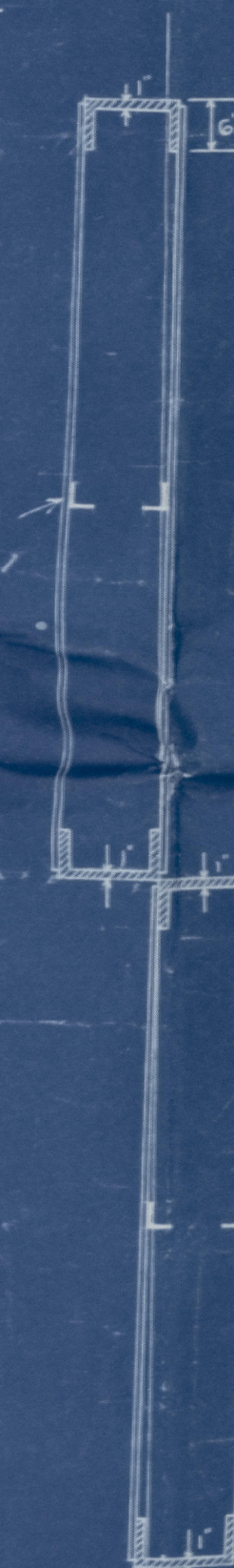
LEVEL AT TIP OF ARM
LOOKING FORWARD



SECTION "X"
LOOKING FORWARD

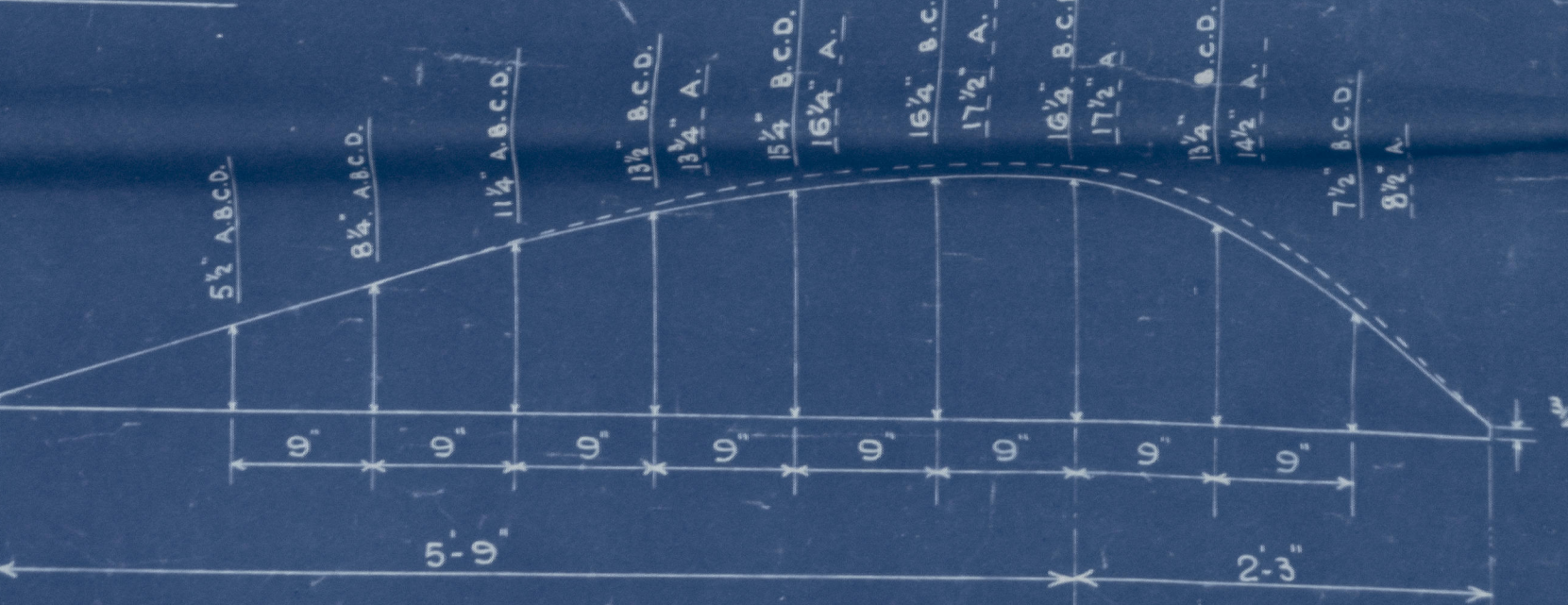


SECTION "Y"
LOOKING FORWARD



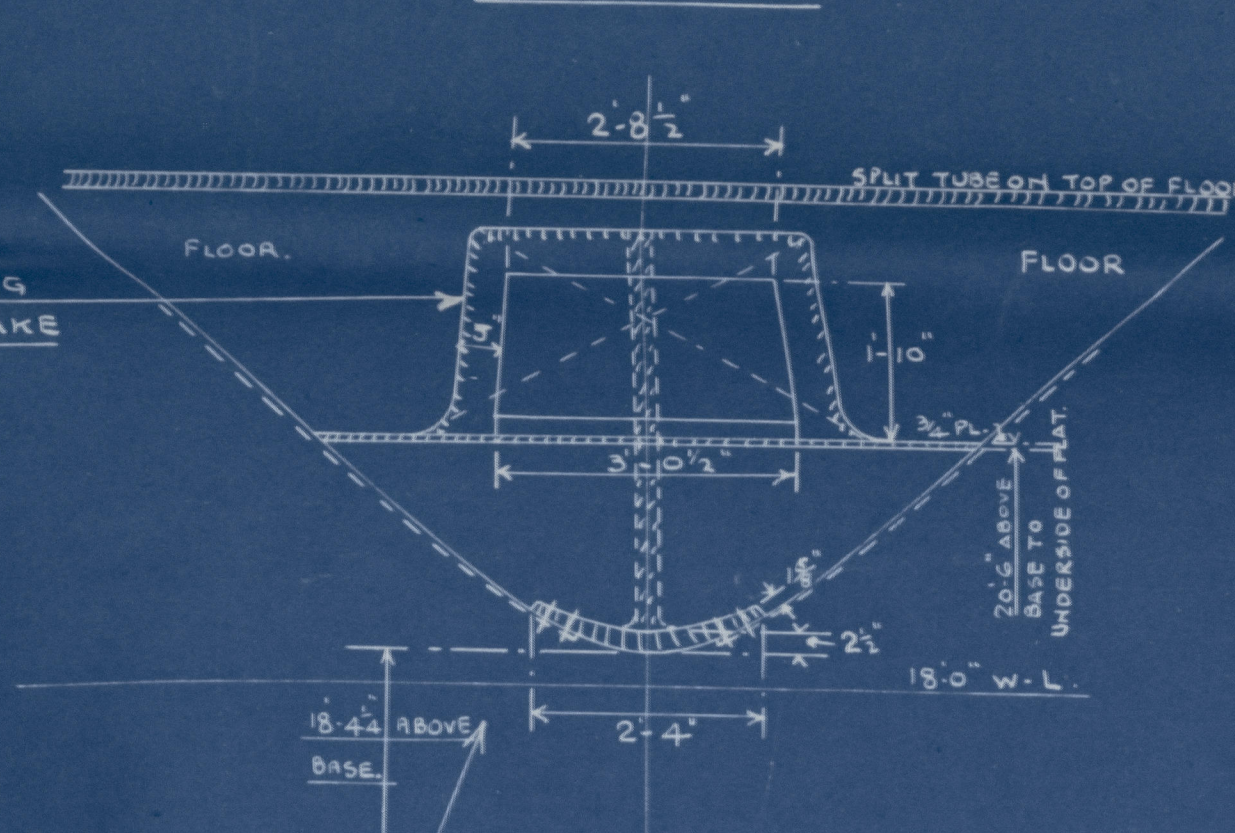
FOR DETAILS OF WELDING
OF RUDDER PLATES SEE
SEPARATE PLAN.

OFFSETS TAKEN TO
INSIDE OF PLATE

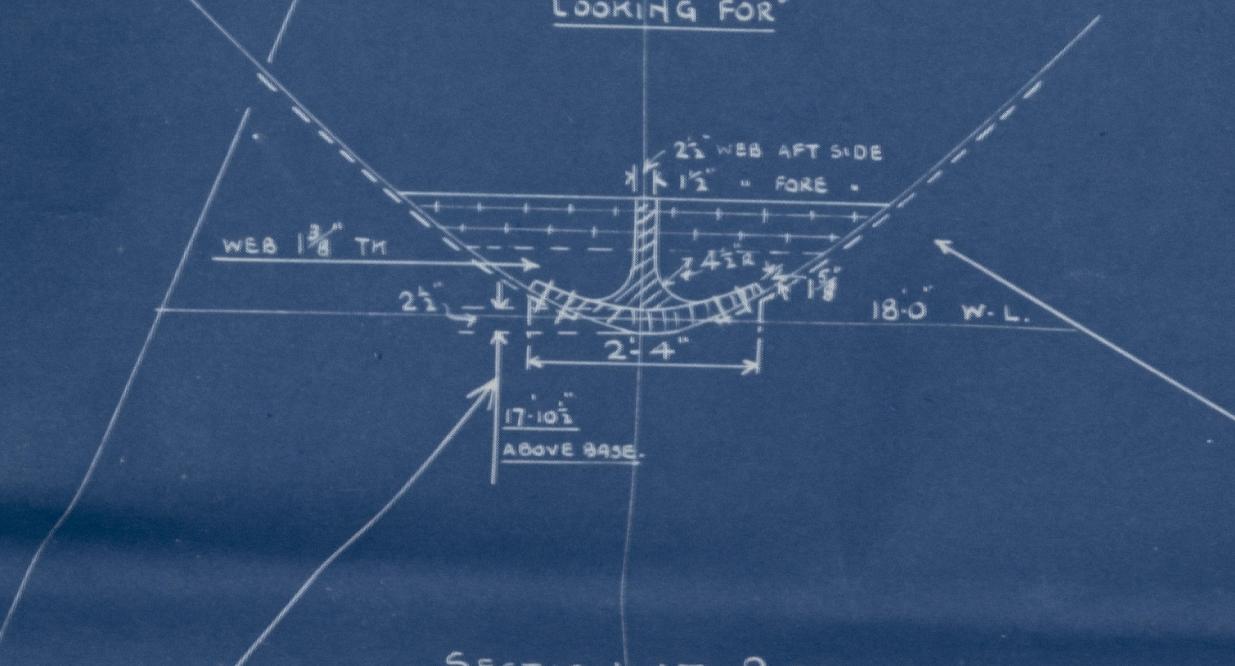


CURVATURE OF RUDDER ARMS - SCALE 1" ONE FOOT.

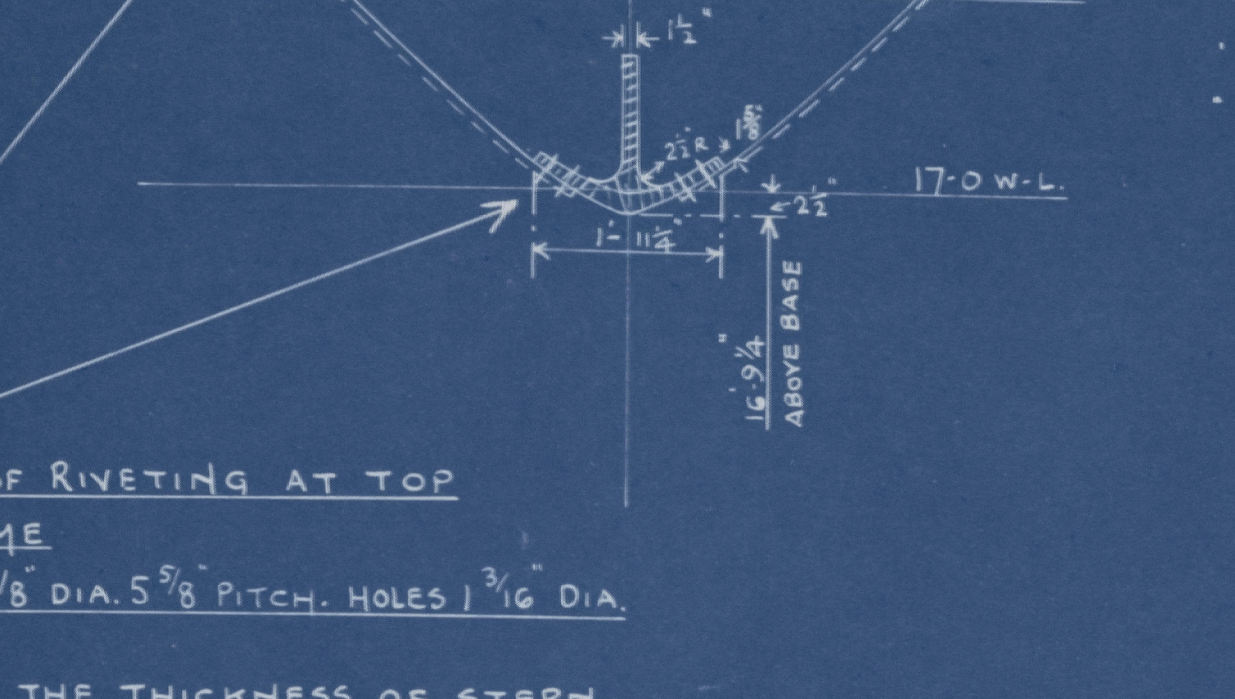
SECTION AT TRANSOM
LOOKING FORWARD



SECTION AT 1 FRAME
LOOKING FORWARD

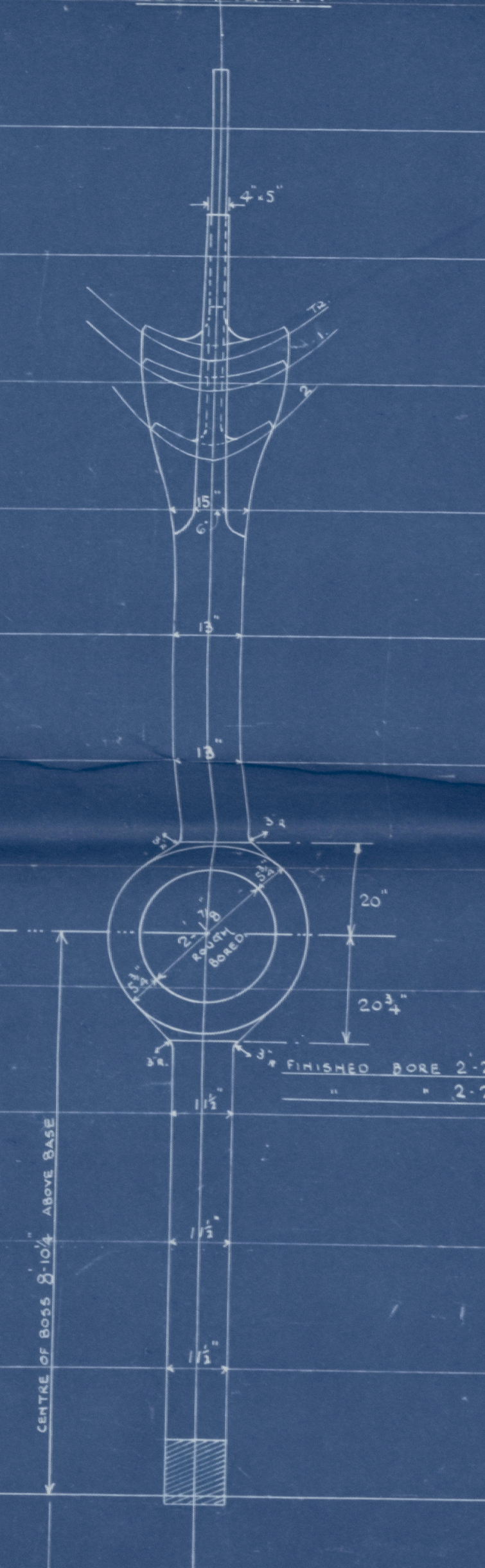


SECTION AT 2 FRAME
LOOKING FORWARD

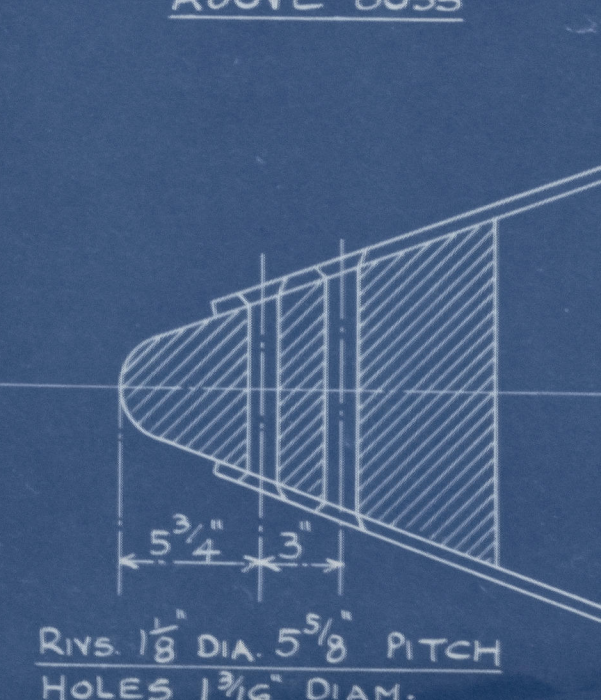


NOTE: WHERE THE THICKNESS OF STERN
POST IN WAY OF RIVET HOLES
EXCEEDS 3" FOR THE DISTANCE
SHOWN, NO HOLES ARE REQUIRED.
TAP RIVETS FITTED INSTEAD.

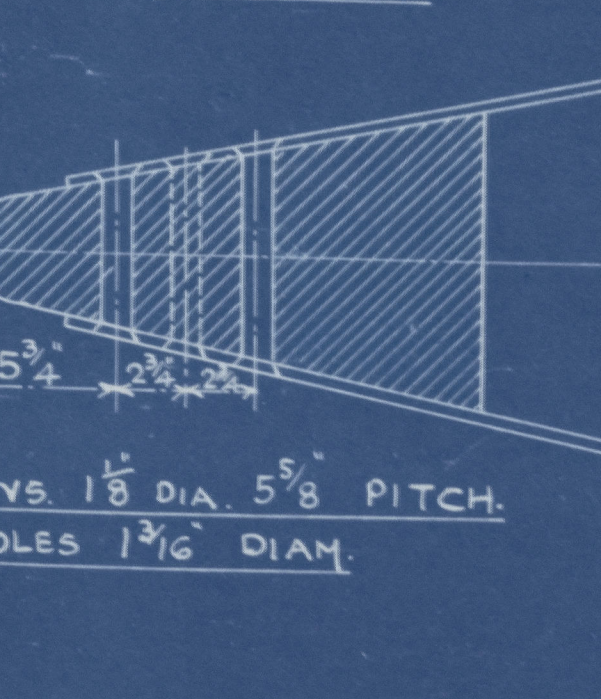
SECTION THROUGH PROPELLER POST
LOOKING AFT



DETAIL OF RIVETING
ABOVE BOSS



DETAIL OF RIVETING
BELOW BOSS

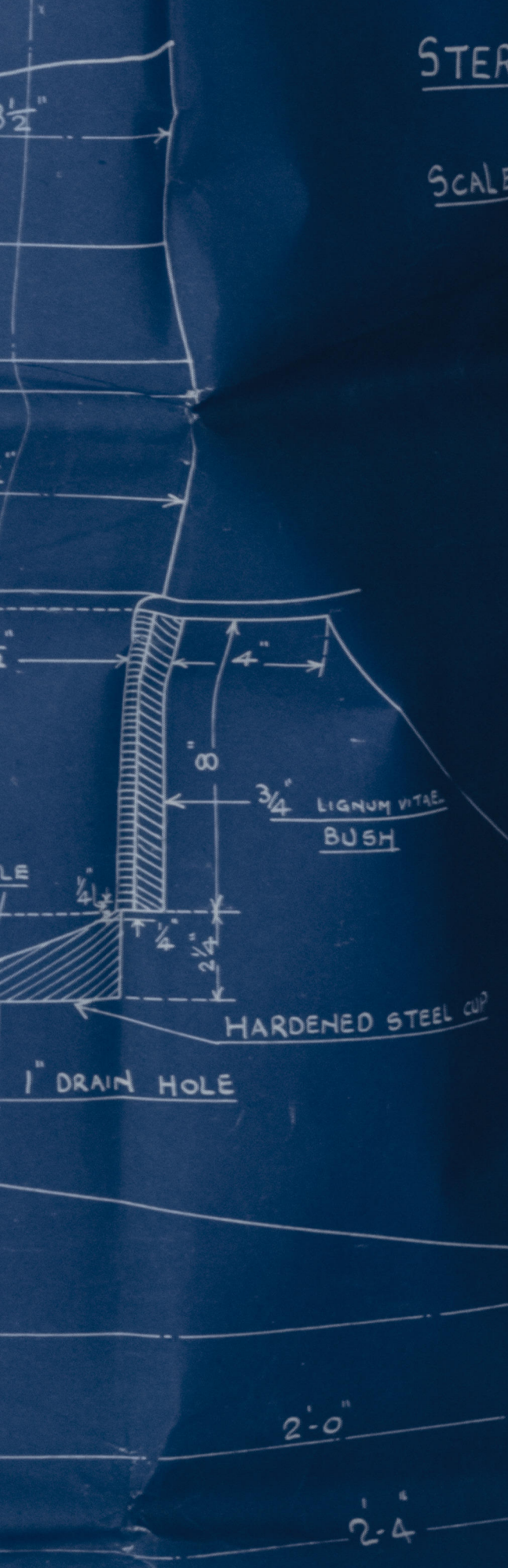


NOTE: STEEL BOLTS MUST BE WASHED WITH OIL AND OILED AT THE BASE OF THE POST. ALL BOLTS MUST BE WASHED WITH OIL AND OILED AT THE BASE OF THE POST. ALL BOLTS MUST BE WASHED WITH OIL AND OILED AT THE BASE OF THE POST.

SHIP
STERN
PRINCIPAL DIMENSIONS

LOYD'S SURVEY
SPEED 11 1/2 KNOTS
SCALE 1" ONE FOOT (DISPENSE DRAWING)
STERN FRAME IN CAST STEEL
RUDDER ARMS IN CAST STEEL
RUDDER STOCK IN CAST STEEL

DETAIL
STER
SCALE



PRINCIPAL DIMENSIONS RULE LENGTH 42'-1 1/2" BTH. MLD. 56'-2 1/2" x 29'-0" To 2ND DECK.
38'-0" UPPER +

STERN FRAME OF CAST STEEL.

SCALE 1/4 FULL SIZE.